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RICHMOND, VIRGINIA

PM 646

G. K. Adam

To: Dr. D. A. Lowitz

Date: May 14, 1975

From: H. A. Hartung

Subject: SPARGATE PATENT APPLICATION

In discussions among Howard Kothe, Gil Adam and ourselves on May 8, 1975, it was agreed that the best possibility for a patent on flavor transfer by sparging would be to claim the process. To do this it is necessary to define the process. We plan to look at the following aspects:

1. Carrier gas. Specifically, what happens to flavor with steam and/or oxygen. If N_2 is unique, we probably have a patent.

2. Temperature profile. Specifically time-temperature relationships are needed to narrow claims.

3. Starting Materials. Specifically, the DTA and TGA of starting materials and residues. The objective is to define materials for patent application in terms of "flavor" peaks in DTA and TGA.

4. Comparison with existing art. Specifically, we will try to practice teachings in Griffith patent. If we get better flavor/tar ratios by sparging, we probably have good basis for a patent.

H A Hartung

/ev

cc: Dr. T. S. Osdene
Dr. T. E. Majewski
Mr. G. Adam ✓
Dr. G. Inskeep
Mr. J. Bebbs
Mr. S. Osborne

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